Electronic Version
Stylesheet Version v1.1.1

Claims

[c1] An electrical connector for electrically connecting an electronic package to a circuit substrate, the electrical connector comprising:
a base defining a plurality of passageways and a pair of sidewalls forming a plurality of first fastening members;
a plurality of conductive terminals received in the passageways;
a cover slidably mounted on the base and defining a plurality of through holes corresponding to the passageways of the base and a pair of sidepieces corresponding to the sidewalls of the base, each sidepiece forming a plurality of second fastening members engaging with the first fastening members;
an actuation device attached to the base and the cover for actuating the cover to slide along the base; wherein
a plurality of protrusions is provided on one of the sidewalls and the sidepieces for facilitating compact engagement between the base and the cover.

[c2] The electrical connector as described in claim 1, wherein the protrusions are provided on the sidepieces of the cover.

[c3] The electrical connector as described in claim 2, wherein the protrusions are spaced apart from the second fastening members.

[c4] The electrical connector as described in claim 1, wherein the protrusions are provided on the sidewalls of the base.

[c5] The electrical connector as described in claim 4, wherein the protrusions are spaced apart from the first fastening members.

[c6] An electrical connector for carrying a CPU thereon, comprising:
a base defining a plurality of passageways and a pair of sidewalls forming a plurality of first fastening members;
a plurality of conductive terminals received in the passageways;
a cover slidably mounted on the base and defining a plurality of through holes corresponding to the passageways of the base and a pair of sidepieces corresponding to the sidewalls of the base, each sidepiece forming a plurality of second fastening members engaging with the first fastening members;
an actuation device attached to the base and the cover for actuating the cover between an open position and a

closed position; wherein
a plurality of protrusions is provided on one of the base and the cover for facilitating compact engagement between the base and the cover.

[c7] The electrical connector as described in claim 6, wherein the protrusions are provided on the sidepieces of the cover.

[c8] The electrical connector as described in claim 6, wherein the protrusions are provided on the sidewalls of the base.

[c9] The electrical connector as described in claim 7, wherein the protrusions are spaced apart from the second fastening members.

[c10] The electrical connector as described in claim 8, wherein the protrusions are spaced apart from the first fastening members.

[c11] An electrical connector comprising:
a base defining a plurality of passageways;
a first surface formed on the base;
a plurality of terminals disposed in the corresponding passageways, respectively;
a plurality of first fastening devices formed on the first surface of the base;

a cover mounted upon the base and moveable relative to the base along a front-to-back direction, said cover defining a plurality of through holes substantially in alignment with the corresponding passageways in a vertical direction perpendicular to said front-to-back direction, respectively;

a second surface formed on the cover and opposing to said first surface with a tiny distance therebetween; and

a plurality of second fastening devices formed on the second surface of the cover and latched to said first fastening devices, respectively, under a condition that the first and second fastening devices are allowed to be moveable, relative to each other, along said front-to-back direction while immoveable in said vertical direction; wherein

at least one tiny protrusion is formed on one of said first and second surfaces to constantly abut against the other of said first and second surfaces during a back-and-forth movement of the cover relative to the base along said front-to-back direction, so as to, during said back-and-forth movement, prevent movement of the cover relative to the base in a lateral direction perpendicular to said front-to-back and vertical directions.

[c12] The connector as described in claim 11, wherein said tiny protrusion is positioned offset from either the first

fastening devices or the second fastening devices along said front-to-back direction.